



## Programmable Logic Controller

Clayton Industries' PLC based steam Systems incorporate the latest Technology in boiler controls, and Provide instant touch access to Operating control and information.



### Programmable Logic Controller

- Increased equipment reliability by eliminating mechanical relays and timers.
- Provides direct communication links with boiler room and plant control systems.
- Allows for multiple unit control sequencing.
- Compatible with modbus, ethernet/IP and bacnet protocols.

# Specifications



## Compusteam PLC - I, II & III

Clayton Compusteam PLC Control Systems, which are standard on all modulating models, are available in three basic levels, I, II & III, with a variety of options for expanding the capabilities beyond the basic systems. When operating, the PLC systems provide increased reliability. Operating parameters are readily available, on the Operator Interface Unit (OIU) displays and for remote data acquisition and control purposes. PLC interface capability also lends itself to improved communications between the Steam Generator controls and total plant monitoring systems. PLC based controls also provide enhanced control for multiple unit installations.

### Level I Functions

Firing Rate, Steam Pressure  
Run Hours, Pressure Set Points

### Level II Functions

All Level I functions plus:  
Exhaust Gas Temp., Coil Tube Temp.  
Feed water Supply Pressure & Temp.

### Level III Functions

All Level II functions plus:  
Steam & Gas Flow Metering

### Optional Features

Remote Start/Stop  
Remote Pressure Set Point  
Ethernet Communications,  
Modbus, or BAC net  
Automatic Start/Stop Sequencing of Multiple Units



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